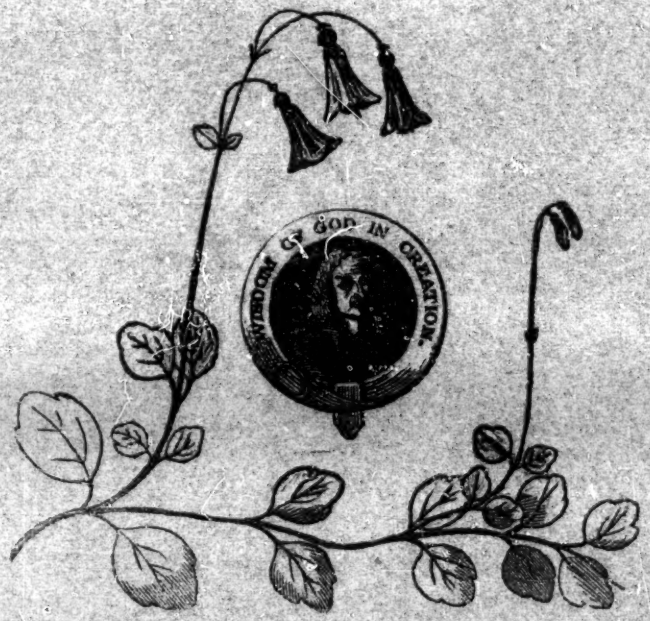
No. CXL. JANUARY, MDCCCLIII. Price 1s.

THE

PHYTOLOGIST:

A BOTANICAL JOURNAL.



TANTUS AMOR FLORUM.

LONDON:

JOHN VAN VOORST, PATERNOSTER ROW.

R. NEWMAN, PRINTER, 9, DEVONSHIRE STREET, BISHOPSGATE.

CONTENTS.

PAGE

Notes on the Rarer Plants occurring in the Neighbourhood of the Estuary of the Taw and Torridge, North Devon. By George Maw, Esq. - - - - - - 785

Notices of New Books, &c.:—'On the Growth of Plants in Closely-glazed Cases. By N. B. Ward, F.R.S., F.L.S., &c. Second Edition. London: John Van Voorst. 1852.' —'The Botany of the Malvern Hills. By Edwin Lees, F.L.S., &c. Second Edition, enlarged and corrected. London: Bogue, Fleet Street.' [No date; received November, 1852.] - - - - - - - 795

Proceedings of Societies, &c.:—*Botanical Society of London:* Report of Council.—*Botanical Society of Edinburgh:* Alpine British Plants, particularly Hieracia; Pseudathyrium alpestre; Distribution of Plants in Madeira; Structure of Pentas carnea.—*Microscopical Society of London:* Structure of Volvox globator.—*The Phytologist Club:* Suminski's Theory of the Reproduction of Ferns; Asplenium fontanum in Hampshire; Veronica spicata, Vicia Bithynica, &c., in North Wales; Lycopodium inundatum on Wimbledon Common; Gymnogramma leptophylla in Scotland - - - - 802

On the 1st of January, 1853, will be published, price 10s. per Annum,

BONPLANDIA. A Botanical Semi-monthly Periodical, the Official Organ of the Imperial L. C. Academy Naturæ Curiosorum. Edited by Berthold Seemann, F.L.S., Member of the Imperial Academy Naturæ Curiosorum.

This Journal will be devoted principally to Economic Botany, but will contain, besides, Leading Articles on all subjects of general interest to Phytologists, Treatises on the Geography of Plants, Biographical Sketches of Eminent Men, Reports of Learned Societies, Reviews of Books, Official Communications by the Imperial Academy Naturæ Curiosorum, and Scientific News from all parts of the world. Communications may be written in all European languages, but appear only in German; and they must be addressed either to the Editor (B. Seemann, Kew, near London), or to the Publisher (C. Rümpler, Hanover). The Paper may be ordered in London, by Williams and Norgate, Henrietta Street, Covent Garden.

In three volumes. — Price 10s. 6d. each.

CYBELE BRITANNICA;

OR

BRITISH PLANTS and their GEOGRAPHICAL RELATIONS.

BY

HEWETT COTTRELL WATSON.

N.B.—The Distribution of each Species, native or introduced, is now completed, according to existing information on the subject, at the beginning of 1852.

LONDON: LONGMAN AND CO.

EDWARD NEWMAN, PRINTER, DEVONSHIRE STREET, BISHOPSGATE.